



ROUTT COUNTY

ROAD & BRIDGE

136 6th Street, Suite 103
Steamboat Springs, CO 8048 7
Phone: 970-879-0831
Fax: 970-879-3992

Permit Application

Type of permit applied for:

Grading and Excavating ☒

Cattle Guard Installation ☐

Adopt A Highway ☐

other _____

Driveway ☐

Special Event ☐

Plow ☐

Utility Installation ☐

Oversize/Overweight ☐

Work in Right-of Way ☐

Property Information

Project physical address: 40025 Baker Way

City: Steamboat Springs

Parcel Number: 937044003

Section(s): See Description

Township: See Description

Area to be disturbed: 0.22 acres

Owner/Applicant Information

Four Points Surveying

Applicant/ Contractor: and Engineering

Steamboat

Mailing Address: PO Box 70966

City: Springs

State: CO

Zip: 80487

Phone number: 207-809-9522

Email: davidc@fourpointsse.com

Property Owner: Duska Family LLC.

Steamboat

Mailing Address: 40025 Baker Way

City: Springs

State: CO

Zip: 80487

Phone Number: 970-846-4424

Email: joe.ddenterprises@gmail.com

Contractor Name: D&D Enterprises

Phone number: 970-846-4424

Project Description:

The project includes grading and excavation for a new extended detention basin, stormwater treatment practice facility. The extended detention basin includes a grouted forebay, an emergency spillway, and an outlet control structure as detailed on the Site Plan.

Guidelines for Grading and Excavating (G &E) Permits (Accounting # 03-00-06-000-5647)

Permit Needed: Routt County adopted IBC 2009 as amended by Resolution 2012-051 to govern grading and excavating. Additionally the Federal Clean Water Act requires storm water management and erosion control for disturbances greater than 1 (one) acre. A grading and excavating permit will be needed and is issued by the Routt County Road & Bridge Department for land disturbances that include:

Any excavation of 300 cubic yards or more of material

Any fill of 300 cubic yards or more of material

Any soil disturbance of one acre or more

Any activity that occurs within the 50-foot water body setback of any water body, as defined in the Routt County zoning resolution.

For additional information see: <http://www.co.routt.co.us/DocumentCenter/View/159>

Permit is not needed if only excavation or fill is for a structure foundation for a structure permitted via a Routt County Building permit.

Permit Application shall include:

Site Plan/design (either CAD drawings or hand drawn to scale) with erosion control measures drawn in. See R & B for complete site plan checklist.

Storm Water Management Plan SWaMP (using the county format)

<http://www.co.routt.co.us/DocumentCenter/View/158>

Approximate amount of Cut, Fill, and/or Surface Area moved

Additional info needed on application: If applicable, Wetland development permit, CDPHE permit.

Permit Process:

1. Submit complete G & E permit application to the County Road & Bridge Department offices at 136 6th Street, between the hours of 7:30 am and 4:30 pm. Applications must include cut/fill calculations.
2. Applicant completes Storm Water Management Plan (SWMP) and provides copy on-site.
3. R & B and Planning reviews application and inspects site.
4. Revisions are made by applicant if needed.
5. R & B and Planning re-reviews and re-inspects if needed.
6. If acceptable application is approved
7. Applicant pays fee and permit issued.
8. Applicant conducts work in accordance with plans, maintains erosion control, and updates SWMP as needed.
9. R & B inspects completed work
10. If erosion, re-vegetation and structural measures are met, permit is closed

Following G & E plan review and initial inspection of complete and adequate application the permit will typically be issued within 7 business days. G & E permits should follow Routt County Best Management Practices to control erosion and sediment. (Guidelines available at Routt County Road and Bridge or Planning Depts.) PLEASE NOTE: The municipalities/towns of Yampa, Hayden, and Oak Creek will assess charges as per the Uniform Building Code Appendix Chapter 33 and not the adopted version by the County.

Fee Calculation:

GRADING PLAN REVIEW FEES

50 cubic yards.....	No Fee
50 to 100 cubic yards.....	\$26.50
100 to 1,000 cubic yards.....	\$42.00
1,000 to 10,000 cubic yards.....	\$55.00
10,000 to 100,000 cubic yards – \$55.00 for the first 10,000 cubic yards, plus \$27.50 for each additional 10,000 cubic yards or fraction thereof.	
100,000 to 200,000 cubic yards – \$302.50 for the first 100,000 cubic yards, plus \$14.85 for each additional 10,000 cubic yards or fraction thereof.	
200,000 cubic yards or more - \$451.00 for the first 200,000 yards, plus \$8 .15 for each additional 10,000 cubic yards or fraction thereof.	

GRADING PERMIT FEES

0 to 100 cubic yards.....	\$50.00
100 to 1,000 cubic yards - \$50.00 for the first 100 cubic yards, plus \$20.00 for each additional 100 cubic yards or fraction thereof.	
1,000 to 10,000 cubic yards - \$230.00 for the first 1,000 cubic yards, plus \$16.50 for each additional 1,000 cubic yards or fraction thereof.	
10,000 to 100,000 cubic yards - \$378.50 for the first 10,000 cubic yards, plus \$75.00 for each additional 10,000 cubic yards or fraction thereof.	
100,000 cubic yards or more - \$1,053.50 for the first 100,000 cubic yards plus \$42.00 for each additional 10,000 cubic yards or fraction thereof.	

OTHER FEES

1. Inspections outside of normal business hours (minimum charge – 4 hours).....	\$50.00 per hour
2. Reinspection fees (work not ready for inspection or called for corrections not made)	\$50.00
3. Inspections for which no fee is specifically indicated (minimum charge – 2 hours).....	\$50.00 per hour
4. Additional plan review required by changes, additions or revisions to or revisions to the approved plans (minimum charge – one half hour).....	\$50.00 per hour
Questions regarding details should be directed to the Road & Bridge Grading and Excavating inspector's office at (970) 870-5344.	

Permit Fee Calculation

Total earthwork = 1,350 cubic yards

Grading Plan Review Fee = \$55.00

Grading Permit Fee = \$230.00 + \$16.50 = \$246.50

Other Fees = None

Total = \$301.50

Storm Water Management Plan

Project Name: D&D Recycling Facility			
SITE DESCRIPTION			
Project Name and Location: (PARCEL # , Section, Township, & Range; and Address)	D&D Recycling Facility, 40025 Baker Way, Steamboat Springs, CO 80487. Parcel ID: 937044003	OWNER Name, Address, and Phone #:	Duska Family LLC, 40025 Baker Way, Steamboat Springs, CO 80487 970-870-1767
Description: (Purpose and Types of Soil Disturbing Activities)	Excavation for a stormwater detention pond facility. Includes grading a 0.5% slope across the site to promote drainage to the southwestern corner of the lot.	CONTACT Name, Address, & Phone #:	David S. Clemmer, 410 South Lincoln Avenue, Unit 15, Steamboat Springs, CO 80487. 207-809-9522
# Cubic Yards of soil cut/fill and/or amount of surface area moved.	Total Cut: 1,350 cu. yds Total Fill: 0 cu. yds Total area of disturbance: 9,730 sq. ft		
Site Area:	The site is approximately 3.0 acres of which 0 acres will be disturbed by construction activities.		
Sequence of Major Activities			
The order of activities will be as follows:		5	Begin clearing, grubbing, and excavating in location of the detention pond.
1	Establish stabilized construction entrance	6	Install concrete washout structure
2	Install perimeter control measures (orange safety fence & non-woven silt fence)	7	Establish grouted rock forebay and emergency spillway as detailed on the Stormwater Improvements Plan and SWMP
3	Install rock check dams at the south end of the existing ditch at the western property line.	8	Install PVC standpipe outlet control structure with the orifice size and dimensions provided on the SWMP. Install outlet culvert to existing ditch
4	Mobilize equipment to the site (i.e. excavator and skid steer)	9	Install erosion control matting on pond side-slopes. Begin placement of straw, seed, and mulch for permanent vegetation
Name of Receiving Waters:		Yampa River	
CONTROLS			
Erosion and Sediment Practices			
Stabilization Practices			
Temporary Stabilization -	Silt fence on down-gradient side of construction, stone check dams in existing ditch, temporary seeding of exposed areas if left unworked for more than (14) consecutive days. Provide rock-sock or straw wattle around the perimeter of temporary soil stockpiles. Install a stabilized construction entrance to limit the potential for mud transport on to public roads.		
Permanent Stabilization -	Vegetation establishment, erosion control matting installation on pond side slopes, rip-rap stabilization at forebay inlet, screened gravel and geotextile placement at outlet control structure.		
Weed Control -	Remove weeds as needed to promote growth of native grasses and vegetation. Follow standard mowing and debris removal procedures for detention ponds as outlined in the Mile High Flood District Technical Fact Sheet for Extended Detention Basins. https://www.mhfd.org/wp-content/uploads/2014/07/T-05-Extended-Detention-Basin.pdf		
Structural Practices			
None anticipated for this project.			
Storm Water Management			
Silt fence or straw wattle equivalent to be provided down-gradient of the detention pond to capture sediment as a result from grading activities. Check dams to be provided at the south end of the existing ditch (at the western property line) to provide additional sediment capture/control. All temporary soil stockpiles shall be surrounded by rock-socks or straw wattle on down-gradient end to limit the release of sediment-laden stormwater. Erosion control matting or turf reinforcement matting (TRM) equivalent to be provided along the side-slopes of the pond. Establish permanent vegetation along the bottom and side slopes of pond. Includes 4 inches of sandy loam soil, grass seed, and straw blanket secured with stapling. Apply temporary irrigation to establish plant growth.			
Maintenance:	Temporary stormwater control measures shall be inspected once every two weeks or after significant rainfall event that produces runoff (events exceeding 0.25" of rainfall). Control measures shall be maintained as necessary per the SWMP/CSMP plan notes to remain effective.		

Storm Water Management Plan

OTHER CONTROLS	
Waste Disposal:	Waste and debris shall be cleaned up daily. An on-site waste disposal container shall be provided. Concrete washout area to be provided a minimum of 100 feet from the Yampa River.
Waste Materials	Cardboard, paper, plastic and other common construction related debris may be placed in the waste disposal container (dumpster). Concrete washout to be disposed of in the designated washout area. See SWMP for additional information.
Hazardous Waste	No hazardous waste is anticipated for this project.
Sanitary Waste	A temporary portable restroom shall be provided for construction workers. See SWMP for the proposed location. The office building on-site may be used as an alternative as approved/allowed by the property owner.
TIMING OF CONTROLS/MEASURES	
Straw wattle and/or silt fence perimeter controls shall be installed prior to grading activities at the downgradient edge of the limits of disturbance. Stone check dams to be installed in existing ditch prior to grading activities. Erosion control matting/TRM and soil stabilization to be completed directly preceding the grading of the pond.	
CERTIFICATION OF COMPLIANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS	
Contractor is NOT required to obtain a state general permit for stormwater associated with construction activities. The overall disturbance area is less than one acre and follows small site stormwater management procedures.	
MAINTENANCE/INSPECTION PROCEDURES	
Erosion and Sediment Control Inspection and Maintenance Practices	
1	Straw wattles and/or silt fence: shall be inspected regularly per this SWMP. When sediment reaches 1/3 the height of the straw wattle or silt fence, the sediment shall be removed and the straw wattle or silt fence maintained.
2	Ditch check dams: shall be inspected regularly per this SWMP. When sediment reaches 1/3 the height of the ditch check dam, the sediment shall be removed.
3	Slope stabilization measures shall be monitored to ensure establishment of both temporary and permanent soil stabilization along 4:1 (H:V) side-slopes.
4	Stabilized construction entrance: Periodically check the integrity of the entrance pad and replace rocks/gravels that have been displaced as a result of vehicle transport. Installation of FODs tracking pads may be used as a substitute to rock/gravel pads.
5	
6	

Storm Water Management Plan

INVENTORY FOR POLLUTION PREVENTION PLAN

The materials or substances listed below are expected to be present onsite during construction:

- Erosion control measure materials (i.e. snow fence, silt fence, wattle, check dams, matting)
- Machinery - Excavator and Skid Steer
- Dumpster and portable restroom
- Concrete + mortar for forebay installation
- Concrete washout area
- PVC pipe for outlet control structure standpipe

Spill Control Practices

In addition to the good housekeeping and material management practices discussed in the previous sections of this plan, the following practices will be followed for spill prevention and cleanup:

- See the attached SWMP for detailed information on spill control procedures.
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STORM WATER MANAGEMENT PLAN CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or of those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signed: _____

Date: 11-06-2023

[illegible]

D&D RECYCLING FACILITY
40025 BAKER WAY
STEAMBOAT SPRINGS, CO 80487

0 20' 40'

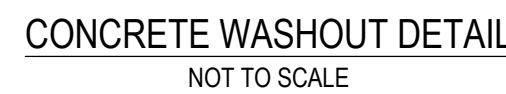
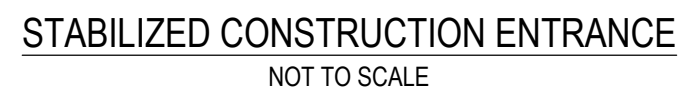
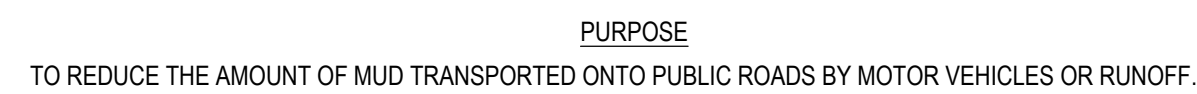
1" = 40'

DATE: 11-06-2023
JOB #: 2085-001
DRAWN BY: DSC/AAC
DESIGN BY: DSC
REVIEW BY: WNM

DRAWING:

C2

1. TOPSOIL STRIPPING ASSUMES AN AVERAGE TOPSOIL DEPTH OF 0.50 FEET ACROSS THE AREA OF DISTURBANCE. ACTUAL TOPSOIL DEPTH MAY VARY ACROSS THE SITE.
2. THE PROJECT IS ENTIRELY LIMITED TO CUT VOLUMES. NO FILL IS ANTICIPATED WITHIN THE SCOPE OF WORK.
3. AN APPROVED DUMP-SITE SHALL BE DETERMINED BY THE OWNER OR OWNER'S REPRESENTATIVE PRIOR TO CONSTRUCTION. MATERIAL HAUL-OFF SLIPS SHALL BE COLLECTED AND DOCUMENTED CONCURRENT WITH GRADING OPERATIONS.



Extended Detection Basin Maintenance Considerations		
Required Action	Maintenance Objective	Frequency of Action
Mowing	Occasional mowing to limit unwanted Vegetation. Maintain irrigated turf grass As 2 to 4 inches tall and non-irrigated native Turf grasses at 4 to 6 inches.	Routine -Depending on aesthetic requirements.
Debris and litter removal	Remove debris and litter from the entire Pond to minimize outlet clogging and improve aesthetics. Outlet structure Trash racks should be clear of anyblockage.	Routine – including just before annual storm seasons (that is, April and May) and Following significant rainfall Events.
Erosion and sediment control	Repair and revegetate eroded areas on slopes.	Nonroutine -Periodic and Repair as necessary based on Inspection.
Structural	Repair pond inlets, outlets, forebays, Low flow channel liners, and energy Dissipators whenever damage is discovered.	Nonroutine- Repair as needed based on regular inspections.
Inspections	Inspect basins to ensure that the basin Continues to function as initially intended. Examine the outlet for clogging, erosion, Slumping, excessive sedimentation Levels, overgrowth, embankment and Spillway integrity, and damage to any Structural element.	Routine -Annual inspection Hydraulic and structural facilities. Also check for obvious problems during routine maintenance visits, especially for plugging of Outlets.
Nuisance control	Address odor, insects, and overgrowth Issues associated with stagnant or Standing water in the bottom zone.	Nonroutine- Handle as necessary per inspection Or local complaints.

